

**EXPRESS TERMS  
FOR  
PROPOSED BUILDING STANDARDS  
OF THE  
DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT  
REGARDING THE ADOPTION BY REFERENCE OF THE  
2006 INTERNATIONAL EXISTING BUILDING CODE (IEBC) WITH PROPOSED AMENDMENTS  
INTO THE 2007 CALIFORNIA EXISTING BUILDING CODE (CEBC)  
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 10**

The Department of Housing and Community Development (HCD) proposes to adopt the 2006 edition of the International Existing Building Code (IEBC) for codification and effectiveness into the 2007 edition of the California Existing Building Code (CEBC) as presented on the following pages, including any necessary amendments. HCD further proposes to:

- Repeal the 2001 Edition of the California Code For Building Conservation (CCBC)
- Repeal amendments to the model codes that are no longer necessary, repeal or amend building standards that are not addressed by a model code;
- Relocate or codify existing adopted and necessary amendments to the model code into the format of the model code proposed for adoption, the action of which has no regulatory effect; adopt new necessary amendments to the model code proposed for adoption; and/or
- Adopt new building standards that are not addressed by the model code proposed for adoption

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**LEGEND FOR EXPRESS TERMS:**

1. **Existing California amendments or code language being modified:** All such language appears in *italics*, modified language is underlined or in ~~strikeout~~.
  2. **New California amendments:** All such language appears *underlined and in italics*.
  3. **Repealed text:** All such language appears in ~~strikeout~~.
  4. **Notation:** Authority and Reference citations are provided at the end of each chapter.
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**APPENDIX A  
CHAPTER A 1**

**SECTION A100 – APPLICATION** (from Appendix Chapter 1, 2001 California Code for Building Conservation)

**A100.1 Vesting Authority.** When adopted by a state agency, the provisions of these regulations shall be enforced by the appropriate enforcing agency but only to the extent of authority granted to such agency by the state legislature.

The following is a list of the state agencies that adopt building standards, the specific scope of application of the agency responsible for enforcement, and the specific statutory authority of each agency to adopt and enforce such provisions of building standards of this code, unless otherwise stated.

**(1) BSC – California Building Standards Commission.**

*Application – Existing buildings having at least one unreinforced masonry bearing wall, with the exception of detached one or two-family dwellings and detached apartment houses containing less than five dwelling units and used solely for residential purposes, and “essential facilities” or “hazardous facilities” as defined in Table 16-K of the California Building Code.*

**Enforcing Agency:** – State or local agency specified by the applicable provisions of law.

**Authority Cited:** – Health and Safety Code Section 18934.5.

**Reference:** – Health and Safety Code Sections 18901 through 18949; and 50558 and 50559.

**(2) HCD 1 – The Department of Housing and Community Development.**

*Application – Hotels, motels, lodging houses, apartment houses, dwellings, employee housing and factory-built housing.*

**Enforcing Agency:** – *The local building department or the Department of Housing and Community Development.*

**Authority Cited:** – *Health and Safety Code Sections 17040, 17921, 17922, 19990.*

**Reference:** – *Health and Safety Code Sections 17000 through 17060, 17910 through 17990, 19960 through 19997, 50558 and 50559, and Government Code Section 12955.1.*

**(3) HCD 2 – The Department of Housing and Community Development.**

*Application – Permanent buildings and permanent accessory buildings or structures constructed within mobilehome parks and special occupancy parks.*

**Enforcing Agency:** – *The local building department or the Department of Housing and Community Development.*

**Authority Cited:** – *Health and Safety Code Sections 18300, 18620, 18640, 18865, 18873 and 18873.2.*

**Reference:** – *Health and Safety Code Sections 18200 through 18700 and 18860 through 18874.*

**SECTION: A102 – SCOPE**

**A102.2 Essential and hazardous facilities.** The provisions of this chapter shall not apply to the strengthening of buildings or structures in Occupancy Category III when assigned to Seismic Design Category C, D, or E or buildings or structures in Occupancy Category IV. Such buildings or structures shall be strengthened to meet the requirements of the ~~International~~ California Building Code for new buildings of the same occupancy category or other such criteria that have been established by the jurisdiction.

**Authority Cited:** *Health and Safety Code Sections 17040, 17921, 17922, 18300, 18620, 18640, 18865, 18873, 18873.2 and 19990; and Government Code Section 12955.1.*

**Reference:** *Health and Safety Code Sections 17000 through 17060, 17910 through 17990, 18200 through 18700, 18860 through 18874 and 19960 through 19997; and Government Code Section 12955.1.*

**SECTION: A103 – DEFINITIONS**

For the purposes of this chapter, the applicable definitions in the California Building Code as adopted by the California Building Standards Commission (CBSC) shall also apply:

**BUILDING CODE.** The code currently adopted by the jurisdiction for new buildings. *For applications listed in Section 100.1 (2), regulated by the Department of Housing and Community Development, “Building Code” shall mean the most current edition of the California Building Code, Title 24, Part 2 as adopted by the California Building Standards Commission (CBSC).*

**Authority Cited:** *Health and Safety Code Sections 17040, 17921, 17922, 18300, 18620, 18640, 18865, 18873, 18873.2 and 19990; and Government Code Section 12955.1.*

**Reference:** *Health and Safety Code Sections 17000 through 17060, 17910 through 17990, 18200 through 18700, 18860 through 18874 and 19960 through 19997; and Government Code Section 12955.1.*

**SECTION: A105 – GENERAL REQUIREMENTS**

**A105.4 Structural observation, testing and inspection.** Structural observation, in accordance with Section 1709 of the ~~International~~ California Building Code, shall be required for all structures in which seismic retrofit is being performed in accordance with this chapter. Structural observation shall include visual observation of work for conformance with the approved construction documents and confirmation of existing conditions assumed during design.

Structural testing and inspection for new construction materials shall be in accordance with the California Building Code except as modified by this chapter.

**Authority Cited:** *Health and Safety Code Sections 17040, 17921, 17922, 18300, 18620, 18640, 18865, 18873, 18873.2 and 19990; and Government Code Section 12955.1.*

**Reference:** *Health and Safety Code Sections 17000 through 17060, 17910 through 17990, 18200 through 18700, 18860 through 18874 and 19960 through 19997; and Government Code Section 12955.1.*

## SECTION: A108 – DESIGN STRENGTHS

**Section: A108.2 Masonry shear strength.** The unreinforced masonry shear strength,  $v_m$ , shall be determined for each masonry class from one of the following equations:

1. The unreinforced masonry shear strength,  $v_m$ , shall be determined by Equation (A1-4) when the mortar shear strength has been determined by Section A106.3.3.1

*(Insert Equation)*

**(Equation A1-4)**

The mortar shear strength values,  $v_t$ , shall be determined in accordance with Section 106.3.3.5 and shall not exceed 100 pounds per square inch (689.5 kPa) for the determination of  $v_m$ .

2. The unreinforced masonry shear strength,  $v_m$ , shall be determined by Equation (A1-5) when tensile-splitting strength has been determined in accordance with Section A106.3.3.2, Item 1 or 2.

*(Insert Equation)*

**(Equation A1-5)**

3. When  $f_m$  has been estimated by categorization of the units and mortar in accordance with Section 2105.2.2.1 of the ~~International~~ California Building Code, the unreinforced masonry shear strength,  $v_m$ , shall not exceed 200 pounds per square inch (1380 kPa) or the lesser of the following:

*(Insert Equation)*

**(Equation A1-6)**

For SI: 1 psi = 6.895 kPa.

Where:

$V = 62.5$  psi (430 kPa) for running bond masonry not grouted solid.

$V = 100$  psi (690 kPa) for running bond masonry not grouted solid.

$V = 25$  psi (170 kPa) for stack bond grouted solid.

**Authority Cited:** *Health and Safety Code Sections 17040, 17921, 17922, 18300, 18620, 18640, 18865, 18873, 18873.2 and 19990; and Government Code Section 12955.1.*

**Reference:** *Health and Safety Code Sections 17000 through 17060, 17910 through 17990, 18200 through 18700, 18860 through 18874 and 19960 through 19997; and Government Code Section 12955.1.*